

## General

### Title

Mental health/substance abuse: mean of patients' overall change scores on the BASIS-24® survey.

### Source(s)

BASIS-24® (Behavior And Symptom Identification Scale) adult version. Belmont (MA): McLean Hospital; 2011. 3 p.

Behavior And Symptom Identification Scale: BASIS-24® instruction guide. Belmont (MA): McLean Hospital, Department of Mental Health Services Evaluation; 32 p.

## Measure Domain

### Primary Measure Domain

Clinical Quality Measures: Outcome

### Secondary Measure Domain

Does not apply to this measure

## Brief Abstract

### Description

This measure is used to assess the mean of patients' overall\* change scores on the BASIS-24® survey. The BASIS-24® survey is administered at the beginning of a treatment episode, with repeat assessments obtained at desired intervals to assess change during or following treatment.

\*In addition to an overall change score, six subscales are calculated for the BASIS-24®.

### Rationale

The Behavior and Symptom Identification Scale (BASIS-24®) is a consumer-oriented self-report survey. The rationale for the survey measures include: 1) need to measure mental health outcomes associated with specific episodes of care; 2) need to assess outcomes from the consumer perspective; 3) need to measure mental health status according to symptoms and functional problems consumers identify as

important and using items empirically derived directly from patients/clients.

The 24-item BASIS-24® was developed to meet the need for a brief, but comprehensive mental health status measure useful in assessing the outcome of mental health treatment from the consumer's point of view. The BASIS-24® is a measure of self-reported difficulty in the major symptom and functioning domains that lead to the need for mental health services. The 24 items assess six major areas of difficulty and/or distress: depression/functioning, relationships, self-harm, emotional lability, psychosis, and substance abuse. BASIS-24® is not diagnosis-specific, but was designed to cut across diagnoses, acknowledging the wide range of symptoms and problems that occur across the diagnostic spectrum.

## Evidence for Rationale

Behavior And Symptom Identification Scale: BASIS-24® instruction guide. Belmont (MA): McLean Hospital, Department of Mental Health Services Evaluation; 32 p.

## Primary Health Components

Mental health; substance abuse; Behavior And Symptom Identification Scale (BASIS-24®)

## Denominator Description

Adult patients 18 years of age and older who completed a BASIS-24® survey at the beginning of psychiatric and/or substance abuse treatment and at another point in the treatment process\* (see the related "Denominator Inclusions/Exclusions" field)

\*Note: Completion of the second survey may be at discharge/termination or at another follow-up point during the episode of care.

## Numerator Description

The mean of patients' overall change scores on the BASIS-24® survey

Note: A change score is not calculated for patients if two or more items from the BASIS-24® survey are left blank (not answered).

## Evidence Supporting the Measure

### Type of Evidence Supporting the Criterion of Quality for the Measure

A formal consensus procedure, involving experts in relevant clinical, methodological, public health and organizational sciences

Focus groups

One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

### Additional Information Supporting Need for the Measure

Unspecified

## Extent of Measure Testing

Research for BASIS-24® was supported by grant RO1 MH58240 from the National Institute of Mental Health and by the Veterans Administration Health Services Research & Development program. A field test was implemented at 27 treatment sites across the U.S 2,656 inpatients and 3,222 outpatients participated. Factor analytic methods, Classical Test Theory (CTT) and Item Response Theory (IRT) modeling were used to select the most discriminating, nonredundant items for inclusion in the final version of the instrument and to assess its reliability and validity. IRT modeling was used to score the instrument.

## Evidence for Extent of Measure Testing

Eisen SV, Normand SL, Belanger AJ, Spiro A 3rd, Esch D. The Revised Behavior and Symptom Identification Scale (BASIS-R): reliability and validity. Med Care. 2004 Dec;42(12):1230-41. [50 references] [PubMed](#)

## State of Use of the Measure

### State of Use

Current routine use

### Current Use

not defined yet

## Application of the Measure in its Current Use

### Measurement Setting

- Ambulatory/Office-based Care
- Behavioral Health Care
- Rehabilitation Centers
- Residential Care Facilities
- Substance Use Treatment Programs/Centers

### Professionals Involved in Delivery of Health Services

not defined yet

### Least Aggregated Level of Services Delivery Addressed

Individual Clinicians or Public Health Professionals

### Statement of Acceptable Minimum Sample Size

Unspecified

## Target Population Age

Age greater than or equal to 18 years

## Target Population Gender

Either male or female

# National Strategy for Quality Improvement in Health Care

## National Quality Strategy Aim

Better Care

## National Quality Strategy Priority

Person- and Family-centered Care

Prevention and Treatment of Leading Causes of Mortality

# Institute of Medicine (IOM) National Health Care Quality Report Categories

## IOM Care Need

Getting Better

Living with Illness

## IOM Domain

Effectiveness

Patient-centeredness

# Data Collection for the Measure

## Case Finding Period

Unspecified

## Denominator Sampling Frame

Patients associated with provider

## Denominator (Index) Event or Characteristic

Clinical Condition

Patient/Individual (Consumer) Characteristic

Therapeutic Intervention

## Denominator Time Window

not defined yet

## Denominator Inclusions/Exclusions

### Inclusions

Adult patients 18 years of age and older who completed a BASIS-24® survey at the beginning of psychiatric and/or substance abuse treatment and at another point in the treatment process\*

\*Note: Completion of the second survey may be at discharge/termination or at another follow-up point during the episode of care.

### Exclusions

- Patients less than 18 years of age

- Patients who cannot respond to a questionnaire or structured interview written at the 5th grade level

- Patients with severe cognitive impairment such as dementia or mental retardation

## Exclusions/Exceptions

not defined yet

## Numerator Inclusions/Exclusions

### Inclusions

The mean of patients' overall change scores on the BASIS-24® survey

### Exclusions

A change score is not calculated for patients if two or more items from the BASIS-24® survey are left blank (not answered).

## Numerator Search Strategy

Fixed time period or point in time

## Data Source

Administrative clinical data

Patient/Individual survey

## Type of Health State

Individually Reported Health State

## Instruments Used and/or Associated with the Measure

BASIS-24® (Behavior and Symptom Identification Scale)

## Computation of the Measure

### Measure Specifies Disaggregation

Measure is disaggregated into categories based on different definitions of the denominator and/or numerator

### Basis for Disaggregation

This measure is disaggregated according to the following behavior/symptom:

- Depression/functioning
- Relationships
- Self-Harm
- Psychosis
- Substance Abuse

### Scoring

Composite/Scale

Weighted Score

### Interpretation of Score

Desired value is a higher score

### Allowance for Patient or Population Factors

not defined yet

### Description of Allowance for Patient or Population Factors

Measure results may be stratified (e.g., diagnosis, age, gender, level of care, etc...).

### Standard of Comparison

not defined yet

## Identifying Information

### Original Title

Behavior And Symptom Identification Scale (BASIS-24®): overall.

## Measure Collection Name

BASIS-24® Survey

## Submitter

McLean Hospital, Department of Mental Health Services Evaluation - Hospital/Medical Center

## Developer

Eisen, Susan V., PhD - Independent Author(s)

## Funding Source(s)

Unspecified

## Composition of the Group that Developed the Measure

Unspecified

## Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

## Adaptation

The 24-item Behavior and Symptom Identification Scale (BASIS-24®) was adapted from the 32-item Behavior and Symptom Identification Scale (BASIS-32®), (Susan V. Eisen, PhD).

## Date of Most Current Version in NQMC

2011 Jan

## Measure Maintenance

Unspecified

## Date of Next Anticipated Revision

Unspecified

## Measure Status

This is the current release of the measure.

The measure developer reaffirmed the currency of this measure in December 2015.

## Measure Availability

Basis-24® Survey available from the [McLean Hospital eBASIS Web site](#) .

For more information, contact the McLean Hospital, at eBASIS/MS 112, Department of Mental Health Services Evaluation, 115 Mill Street, Belmont, MA 02478; Phone: 617-855-2424; Fax: 617-855-2948; Web site: [www.ebasis.org](http://www.ebasis.org) .

## Companion Documents

The following is available:

BASIS-24®: information sheet. Belmont (MA): McLean Hospital, Department of Mental Health Services Evaluation; 2 p.

## NQMC Status

This NQMC summary was completed by ECRI on November 29, 2006. The information was verified by the measure developer on January 17, 2007.

This NQMC summary was retrofitted into the new template on June 14, 2011.

The information was reaffirmed by the measure developer on December 16, 2015.

## Copyright Statement

Copyright © McLean Hospital

Use of BASIS-24 requires a license from McLean Hospital. Refer to [www.ebasis.org](http://www.ebasis.org)  for information on licensing.

## Production

### Source(s)

BASIS-24® (Behavior And Symptom Identification Scale) adult version. Belmont (MA): McLean Hospital; 2011. 3 p.

Behavior And Symptom Identification Scale: BASIS-24® instruction guide. Belmont (MA): McLean Hospital, Department of Mental Health Services Evaluation; 32 p.

## Disclaimer

### NQMC Disclaimer

The National Quality Measures Clearinghouse® (NQMC) does not develop, produce, approve, or endorse the measures represented on this site.

All measures summarized by NQMC and hosted on our site are produced under the auspices of medical specialty societies, relevant professional associations, public and private organizations, other government agencies, health care organizations or plans, individuals, and similar entities.

Measures represented on the NQMC Web site are submitted by measure developers, and are screened

solely to determine that they meet the [NQMC Inclusion Criteria](#).

NQMC, AHRQ, and its contractor ECRI Institute make no warranties concerning the content or its reliability and/or validity of the quality measures and related materials represented on this site. Moreover, the views and opinions of developers or authors of measures represented on this site do not necessarily state or reflect those of NQMC, AHRQ, or its contractor, ECRI Institute, and inclusion or hosting of measures in NQMC may not be used for advertising or commercial endorsement purposes.

Readers with questions regarding measure content are directed to contact the measure developer.